

**CENTRAL VALLEY PROJECT  
SCHEDULE OF IRRIGATION CAPITAL AND PROJECT USE ENERGY COSTS BY COMPONENT  
AS OF SEPTEMBER 30, 2004  
2006 IRRIGATION WATER RATES**

		Allocation of Project Use Energy Costs					
Component/Facility		Irrigation Capital Costs at 09/30/04	Historical & Projected (1981-2030) KWH Per AF	Ratio of Total	Central Valley Project		Total Capital at 09/30/04
					(BOR)	(DOE)	
					3/	3/	
<b>Storage</b>	1/, 7/						
San Felipe Unit Contractors		3,846,035					3,846,035
All Other Contractors		356,214,208	10,177,846,341	0.202664	18,573,391	7,853,781	382,641,380
Total Storage	2/	360,060,244	10,177,846,341	0.202664	18,573,391	7,853,781	386,487,416
<b>Conveyance</b>							
Contra Costa WD	6/	207,672					207,672
All Other Contractors	4/	396,409,533					396,409,533
Total Conveyance		396,617,205					396,617,205
<b>Conveyance Pumping</b>							
Corning Pumping Plant		2,529,063	96,013,863	0.001912	175,214	74,090	2,778,366
Dos Amigos Pumping Plant		13,062,729	6,633,784,213	0.132093	12,105,888	5,118,989	30,287,607
O'Neill Pump-Generator Plant		11,350,044	2,888,790,173	0.057522	5,271,708	2,229,148	18,850,900
Tracy Pumping Plant		22,216,158	23,151,861,294	0.461005	42,249,466	17,865,238	82,330,862
Total Conveyance Pumping		49,157,993	32,770,449,543	0.652533	59,802,276	25,287,465	134,247,734
<b>Direct Pumping</b>	7/						
Bella Vista WD (Wintu PP)		834,368	223,985,159	0.004460	408,747	172,839	1,415,954
Colusa County WD Canalside Relifts		12,635,431	293,621,653	0.005847	535,826	226,574	13,397,831
Colusa Service Area - Cortina		141,792					141,792
Colusa Service Area - Davis		180,305					180,305
Contra Costa Pumping Plants							
Corning WD Canalside Relifts		2,779,835	149,414,328	0.002975	272,664	115,296	3,167,795
Dunnigan WD Canalside Relifts		1,700,384	3,328,655	0.000066	6,074	2,569	1,709,027
Kanawha WD Canalside Relifts		2,753,824	38,460,600	0.000766	70,186	29,678	2,853,688
Orland-Artois WD Canalside Relifts		7,496,789	84,817,780	0.001689	154,783	65,450	7,717,022
Panoche WD Relifts		16,257	2,271,071	0.000045	4,144	1,752	22,154
Proberta WD Canalside Relifts		172,158	6,934,702	0.000138	12,655	5,351	190,165
San Benito County WD:							
Pacheco Pumping Plant		5/	184,707,154	0.003678	337,069	142,530	479,599
Gianelli, William R. Pump-Generator Plant	1/	164,230	278,554,557	0.005547	508,330	214,948	887,508
San Luis WD Canalside Relifts & Turnouts		8,235,817	1,160,356,455	0.023105	2,117,516	895,394	11,248,727
Santa Clara Valley WD:							
Coyote Pumping Plant		5/	37,602,686	0.000749	68,621	29,016	97,637
Pacheco Pumping Plant		5/	130,646,047	0.002601	238,414	100,814	339,228
Gianelli, William R. Pump-Generator Plant	1/	116,163	197,025,676	0.003923	359,549	152,036	627,747
State-Delta Pumping Plant (Cross Valley Canal)			851,389,158	0.016953	1,553,687	656,978	2,210,665

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		Historical & Projected (1981-2030) KWH Per AF 3/	Ratio of Total	Central Valley Project		
				(BOR) 3/	(DOE) 3/	
Westlands WD:						
Pleasant Valley Canalside Relifts	1,340,504	11,043,895	0.000220	20,154	8,522	1,369,180
Pleasant Valley Pumping Plant	9,897,979	809,127,264	0.016112	1,476,564	624,367	11,998,910
Westlands WD Canalside Relifts	36,280,216	2,765,975,124	0.055077	5,047,584	2,134,377	43,462,178
Westside WD Canalside Relifts	7,002,377	42,834,251	0.000853	78,168	33,053	7,113,597
Total Direct Pumping	91,748,429	7,272,096,215	0.144804	13,270,733	5,611,546	110,630,708
San Luis Drain	59,181,552					59,181,552
Grand Total	956,765,423	50,220,392,099	1.000000	91,646,400	38,752,792	1,087,164,614

**OUT-OF-BASIN COSTS - SAN FELIPE UNIT**

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Conveyance	57,349,387	57,349,387
Direct Pumping	12,628,670	12,628,670
Total	69,978,057	69,978,057

**Footnotes:**

1/ Allocation of Storage Costs:

Storage Costs:	San Felipe Unit				
		Suballocation of Storage Costs (Dir. Pump. Appl. to SL/PG)		All Other Storage Contractors	Total
	Storage	San Benito	Santa Clara		
	Historical and Projected 1981-2030 Irrigation Del. (Sch A-7)	1,500,253	878,721	621,532	129,509,452
Ratios	0.011451	0.585715	0.414285	0.988549	1.000000
Allocated Gianelli, WR Pump-Generator Costs	280,393	164,230	116,163	24,204,941	24,485,334
Allocated Other Storage Costs	3,846,035			332,009,267	335,855,303
Total	4,126,428	164,230	116,163	356,214,208	360,340,637

2/ Includes \$14,534,810 adjustment for Corps of Engineers Obligations Assumed (Hidden & Buchanan).

3/ These costs represent the total Pumping Project Use Power costs allocated to Irrigation for the CVP Bureau of Reclamation (BOR) and Western Area Power Administration (DOE). The costs are allocated to components based on the ratios identified above under "Allocation of Project Use Energy Costs". They are then suballocated to individual facilities based on the historical and projected 1981-2030 KWHs/AF.

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**Footnotes: (continued)**

- 4/ Glide WD does not have a distribution system, therefore the cost of the Relift Pumping Plant is included in conveyance for ratesetting purposes.
- 5/ These costs are part of the total Out-of-Basin costs, which are the specific repayment responsibility of the Out-of-Basin contractors (San Benito County WD and Santa Clara Valley WD). As a result, they are excluded from allocation to the In-Basin contractors.
- 6/ Contra Costa Water District's conveyance facility costs are handled through a repayment contract.
- 7/ The Storage, Conveyance, and Direct Pumping components per Table 20 - Capital Costs for 2006 Water Service Rates Central Valley Project, California as of September 30, 2004 differ from those shown in Ratesetting Schedule A-5. The differences are attributed to (1) the direct pumping costs of the Gianelli WR Pump-Generator allocated to San Felipe Unit Contractors (see Footnote 1/); (2) the allocation of Direct Pumping costs to the San Felipe Unit - these costs are treated as Out-of-Basin costs; and (3) the treatment of Glide WD Relift Pumping Plant costs (see Footnote 4/).

**Reconciliation of Capital Costs for 2006 Water Service Rates CVP CA as of September 20, 2004 - Table 20 with Ratesetting - Schedule A-5:**

Total Capital Costs @ 9/30/04 Per Schedule A-5	1,087,164,614		
Less: Storage	360,340,637	7/	
Conveyance			
(In-Basin)	396,617,205	7/	
(Out-of-Basin)	57,349,387		
Conveyance Pumping	49,157,993		
Direct Pumping:		7/	
(In-Basin)	91,468,036		
(Out-of-Basin - Includes PUE)	12,628,670		
San Luis Drain	59,181,552		
Project Use Energy (BOR)	91,646,400		
Project Use Energy (DOE)	38,752,792		
Subtotal	(69,978,057)		
Add: Out-of-Basin Costs			
Conveyance	57,349,387		
Direct Pumping (Includes PUE)	12,628,670		
Difference	0		69,978,057

**Sources:**

Schedules A-7 and A-12  
Table 20 - Capital Costs for 2006 Water Service Rates Central Valley Project, California As of September 30, 2004  
Financial Statement for Period Ending September 30, 2004 Central Valley Project, California - Consolidated  
CVO Schedule of KWH's per acre foot